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TITLE: Internet streaming media alliance media stream transmitter produces ISMA stream embedded with intellectual property management and protection tool stream descriptor with IPMP tool, ISMA decryption tool, and key management system tool

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
WO 2004100442 A1	November 18, 2004	JA
JP 2004364268 A	December 24, 2004	JA
EP 1626522 A1	February 15, 2006	EN
KR 2006018841 A	March 2, 2006	KO
CN 1784854 A	June 7, 2006	ZH
US 20060274895 A1	December 7, 2006	EN

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BW
 BY BZ CA CH CN CO CR CU CZ DE DK DM
 DZ EC EE EG ES FI GB GD GE GH GM HR
 HU ID IL IN IS KE KG KP KR KZ LC LK
 LR LS LT LU LV MA MD MG MK MN MW MX
 MZ NA NI NO NZ OM PG PH PL PT R O RU
 SC SD SE SG SK SL SY TJ TM TN TR TT
 TZ UA UG US UZ VC VN YU ZA ZM ZW AT
 BE BG BW CH CY CZ DE DK EA EE ES FI
 FR GB GH GM GR HU IE IT KE LS LU MC
 MW MZ NA NL OA PL PT RO SD SE SI SK
 SL SZ TR TZ UG ZM ZW AT BE BG CH CY
 CZ DE DK EE ES FI FR GB GR HU IE I T
 LI LU MC NL PL PT RO SE SI SK TR

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
WO2004100442A1	N/A	2004WO- JP006288	April 30, 2004
JP2004364268A	N/A	2004JP- 131620	April 27, 2004
CN 1784854A	N/A	2004CN- 80012556	April 30, 2004
EP 1626522A1	N/A	2004EP- 730663	April 30, 2004
EP 1626522A1	N/A	2004WO- JP006288	April 30, 2004
KR2006018841A	N/A	2004WO- JP006288	April 30, 2004
US20060274895A1	N/A	2004WO- JP006288	April 30, 2004
KR2006018841A	N/A	2005KR- 721200	November 8, 2005
US20060274895A1	Based on	2006US- 555340	May 25, 2006

INT-CL-CURRENT:

TYPE	IPC DATE
CIPP	H04L9/14 19900101
CIPP	H04L9/14 20060101
CIPP	H04L9/14 20060101
CIPP	H04L9/30 20060101
CIPP	H04N7/08 20060101
CIPP	H04N7/16 20060101
CIPP	H04N7/167 20060101
CIPP	H04N7/26 20060101
CIPS	H04L9/00 20060101
CIPS	H04L9/36 20060101
CIPS	H04N7/08 20060101
CIPS	H04N7/081 20060101
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CIPS	H04N7/24 20060101

ABSTRACTED-PUB-NO: WO 2004100442 A1**BASIC-ABSTRACT:**

NOVELTY - The transmitter produces internet streaming media alliance (ISMA) media stream having ISMA header with payload and contents. An intellectual property management and protection (IPMP) tool stream descriptor with IPMP tool, ISMA decryption tool, and key management system (KMS) tool, for processing header contents, is embedded into media stream. The IPMP extended ISMA media stream is then transmitted to receiver.

USE - For transmitting MPEG-4 intellectual property management and protection (IPMP) extended internet streaming media alliance (ISMA) media stream.

ADVANTAGE - Enables protecting the media stream with respect to the receiver.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the media stream with IPMP descriptor. (Drawing includes non-English language text).

tool identity (3.3,3.4)

unencrypted video stream (3.5)

encrypted video stream (3.6)

encrypted audio stream (3.7)

CHOSEN-DRAWING: Dwg.3/9

TITLE-TERMS: STREAM MEDIUM TRANSMIT PRODUCE EMBED
INTELLIGENCE PROPERTIES MANAGEMENT
PROTECT TOOL DESCRIBE DECRYPTER KEY
SYSTEM

DERWENT-CLASS: T01 W01 W02 W04

EPI-CODES: T01-N01A2G; T01-N01D1; W01-A05A; W02-F05A1;
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